



## TECHNICAL MEMORANDUM

### San Antonio Creek Valley Groundwater Basin Quarterly Groundwater Level Monitoring – First Quarter 2023

**To:** Ms. Stephanie Bertoux, Executive Director, San Antonio Basin Groundwater Sustainability Agency

**From:** Michael McAlpin, GSI Water Solutions, Inc.  
Sydney Robertson, GSI Water Solutions, Inc.  
David O'Rourke, GSI Water Solutions, Inc.

**Attachments:** Tables:  
Table 1. First Quarter 2023 Groundwater Level Measurements – Depth to Water  
Table 2. First Quarter 2023 Groundwater Level Measurements – Groundwater Elevation

Figures:  
Figure 1. Wells Located in The Western Portion of the San Antonio Creek Valley Groundwater Basin  
Figure 2. Wells Located in The Central Portion of the San Antonio Creek Valley Groundwater Basin  
Figure 3. Wells Located in The Eastern Portion of the San Antonio Creek Valley Groundwater Basin

**Date:** April 4, 2023

#### Introduction

On behalf of the San Antonio Basin Groundwater Sustainability Agency (SABGSA), GSI Water Solutions, Inc. (GSI) completed the first quarter 2023 (1Q2023) San Antonio Creek Valley Groundwater Basin (Basin) groundwater level monitoring event on March 15<sup>th</sup> and 16<sup>th</sup>, 2023. Prior to each quarterly monitoring event, GSI contacts well owners to coordinate access to the wells and request that well owners shut off the well for at least 8 hours before the monitoring event so that a static measurement can be obtained. Well owners were originally notified on March 3, 2023. However, due to weather conditions, the monitoring event was delayed one day (starting date rescheduled from March 14<sup>th</sup> to March 15<sup>th</sup>) and well owners were notified a second time on March 13, 2023.

Due to property representative availability, road closures, flooding, and access road conditions, GSI was unable to access 11 of the 38 wells with secured access agreements during the March 15<sup>th</sup> and 16<sup>th</sup>, 2023 monitoring event. At the March 21, 2023, SABGSA Board of Directors meeting, the SABGSA requested GSI return to the Basin to attempt to collect water level measurements from the 11 outstanding wells. GSI notified the respective well owners on March 22, 2023, to coordinate access to the wells. GSI returned to the Basin on March 23, 2023. The attached tables provide the status of current well access agreements and the attached figures show the well locations. The following paragraphs and attached tables summarize the results for this quarter.

## 1Q2023 Water Level Monitoring Event Summary

The attached tables summarize the results of the 1Q2023 Basin water level monitoring event for the wells in the Basin's groundwater level monitoring network. The tables include the status of current well access agreements, depth to water measurements, and calculated groundwater elevations for all wells that were able to be accessed during the monitoring event. Wells identified as Representative Monitoring Sites (RMS) in the Basin's Groundwater Sustainability Plan (GSP) are identified in Table 2 and denoted with the respective RMS's sustainable management criteria (i.e., minimum threshold and measurable objective). The following is a summary of observations from the 1Q2023 monitoring event:

- The continuous data recording pressure transducer (transducer) data cable in well SALS was replaced.
- Wells with active well access agreements that did not have a groundwater level measurement collected during the 1Q2023 Basin water level monitoring event were 13C1, 2M1, 2N1, SACR 1, SACR 2, SACR 3, SACR 4, and Stephen's Well.
  - Maintenance was being performed on well 13C1 on March 15, 2023. The sounder was lowered below historical water levels without indicating the presence of groundwater and appeared dry and sandy upon retrieval. A second attempt to collect a water level measurement was performed on March 23, 2023, with a similar outcome. The well maintenance operations may have impacted water levels in the well. Groundwater level monitoring at well 13C1 is planned to resume during the 2Q2023 Basin water level monitoring event.
  - No water level measurement was collected from well 2M1 due to the risk of the sounder becoming stuck in the well. Groundwater level monitoring at well 2M1 is planned to resume pending the installation of a sounding tube.
  - An accurate water level measurement could not be collected from well 2N1. Well 2N1 and Mesa Vineyard have historically contained a rusty material. Consequently, the sounder is becoming coated when lowered into the well, blocking the sensor and preventing an accurate water level measurement.
  - The SACR nested well series (1-4) was not monitored due to complete submersion of the well vault under floodwater. Groundwater level monitoring at SACR nested well series (1-4) is planned to resume during the 2Q2023 Basin water level monitoring event.
  - Stephen's Well was not monitored due to the well pump being on for at least 8 hours prior to the groundwater level measurement attempt. A property representative was not available to turn off the well pump. Consequently, the water level in the well was at a pumping level, below historical water levels, and unrepresentative of current Basin conditions. Groundwater level monitoring at Stephen's well is planned to resume during the 2Q2023 Basin water level monitoring event.
- 10 feet by ½ inch PVC pipes were attached to wells 17E1, 17K2, 17Q1, and 21A1 in Barka Slough to provide improved visibility to the well locations.

## Recommendations

- Install a sounding tube in well 2M1.
- Perform well maintenance on wells 2N1 and Mesa Vineyard to clear rusty material.
- Secure access agreements to former California Statewide Groundwater Elevation Monitoring Program (CASGEM) wells 22K3 and 13Q1.
- Continue public outreach to Basin stakeholders to discuss participation in the Basin's groundwater level monitoring network.
- Consider the purchase and installation of transducers in, at a minimum, all RMS wells.

- Perform a Reference Point Elevation (RPE) Survey for the wells included in the Basin Groundwater Level Monitoring Network in accordance with the Sustainable Groundwater Management Act (SGMA) well elevation accuracy requirements.
- Perform well video surveys of wells included in the Basin Groundwater Level Monitoring Network with outstanding well construction information (total depth and screened intervals).

Table 1. First Quarter 2023 Groundwater Level Measurements – Depth to Water

State Well Number	Site Name	Well Type	Water Level Measurement Frequency/Type	Area	Total Depth (feet bgs)	Aquifer of Completion	DTW on 2/25/2020	DTW on 6/16/2020	DTW on 9/16/2020 and 12/1/2020 and 9/17/2020	DTW on 12/1/2020 and 2/25/2021 and 12/2/2020	DTW on 2/25/2021 and 6/22/2021 and 2/26/2021	DTW on 6/22/2021 and 9/14/2021 and 6/23/2021	DTW on 9/14/2021 and 12/8/2021 and 9/15/2021	DTW on 12/8/2021 and 3/10/2022 and 12/9/2021	DTW on 3/10/2022 and 6/21/2022 and 3/11/2022	DTW on 6/21/2022 and 9/15/2022 and 6/22/2022	DTW on 9/15/2022 and 12/14/2022 and 9/16/2022	DTW on 12/14/2022 and 3/16/23 and 12/15/2022	DTW on 3/15/23 and 3/16/23 and 3/23/23	Notes on 3/15/23, 3/16/23, and 3/23/23
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Careaga Sand	73.14	73.13	73.19	73.25	73.25	73.40	73.55	73.68	73.79	73.93	74.07	74.20	74.43	
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	65	Careaga Sand	42.96	43.35	44.08	44.63	44.33	44.75	45.37	45.69	45.85	46.19	46.98	47.33	46.37	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Paso Robles Formation	61.12	61.41	62.69	61.75	60.91	62.06	63.68	63.25	62.89	64.50	66.88	65.72	64.18	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	75	Paso Robles Formation	42.46	41.80	41.20	41.21	42.35	43.41	42.85	42.72	43.12	41.42	41.71	40.80	27.74	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	70	Paso Robles Formation	36.28	36.22	37.10	37.83	38.15	39.04	38.73	39.73	39.50	39.44	39.34	39.69	31.15	Transducer cable replaced
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	90	Paso Robles Formation	45.35	43.83	45.33	46.42	46.78	47.54	48.13	48.79	48.95	49.25	49.85	50.46	27.96	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	690	Careaga Sand	42.04	46.11	48.20	43.42	42.29	47.81	49.61	46.27	46.25	51.05	54.90	47.50	--	Well vault submerged in floodwater
008N033W19K002S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	540	Paso Robles Formation	73.39	70.23	71.76	76.17	77.28	81.41	76.58	75.51	78.76	81.30	83.33	72.58	--	Well vault submerged in floodwater
008N033W19K004S	SACR 3	Monitoring	Quarterly/Discrete	West San Antonio Basin	350	Paso Robles Formation	107.16	115.11	111.44	102.42	95.73	119.19	113.90	99.00	102.25	119.95	122.83	99.33	--	Well vault submerged in floodwater
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	220	Paso Robles Formation	93.06	94.04	95.28	94.67	94.61	96.07	95.93	94.72	94.07	95.70	97.73	96.15	--	Well vault submerged in floodwater
008N033W19K002S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	110	Paso Robles Formation	97.59	97.78	99.70	99.83	99.30	99.75	100.49	100.30	99.68	99.98	100.47	100.87	95.86	
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	980	Paso Robles Formation	214.46	216.41	216.55	221.92	212.43	227.45	237.35	229.72	235.35	236.20	241.70	220.97	214.99	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	720	Paso Robles Formation	205.32	208.95	213.00	211.83	206.63	217.18	219.00	215.05	217.05	217.45	222.83	215.17	210.04	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	530	Paso Robles Formation	204.18	213.22	214.83	217.00	206.74	220.53	224.73	220.42	219.40	220.10	223.35	213.49	208.65	
008N032W19M004S	SACC 4	Monitoring	Quarterly/Discrete	Central San Antonio Basin	325	Paso Robles Formation	161.92	164.47	168.09	167.67	167.45	171.01	173.62	172.79	173.70	175.70	177.90	175.98	172.58	
008N032W19M001S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	120	Paso Robles Formation	107.22	107.08	107.17	107.08	107.18	107.25	107.20	107.13	107.10	107.05	107.30	107.20	107.01	
008N034W02M001S	2M1	Irrigation	Quarterly/Discrete	West San Antonio Basin	750	Paso Robles Formation	--	150.10	152.38	151.00	150.10	152.50	154.13	152.60	154.55	--	--	--	--	Temporarily discontinued due to risk of sounder loss
--	White Hawk 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	560	Careaga Sand	--	119.83	120.85	120.33	118.50	123.12	124.03	124.03	112.73	125.50	126.50	125.10	123.96	
008N32W17N001S	White Hawk 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	820	Careaga Sand	93.20	94.91	95.27	95.58	92.70	98.80	99.24	98.85	97.90	100.55	101.20	98.50	98.00	
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	257.70	216.42	216.75	215.42	214.30	216.50	217.10	218.08	218.80	219.50	220.50	216.10	215.85	Rusty material in well
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	980	Careaga Sand	--	--	--	221.75	209.20	226.50	--	224.65	227.10	226.20	228.00	225.50	--	Rusty material in well preventing water level reading
008N033W02R001S	2R1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	370	Careaga Sand	--	119.50	118.60	118.92	120.89	192.82	185.22	119.42	118.75	173.55	120.50	120.45	120.30	
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	490	Careaga Sand	24.44	23.73	24.88	24.00	24.20	25.15	27.82	27.67	27.09	65.90	68.00	28.61	25.59	
008N033W03L001S	4-Deer Highway	Irrigation	Quarterly/Discrete	Central San Antonio Basin	349	Careaga Sand	93.47	92.05	93.60	92.17	93.85	97.71	94.80	95.05	96.10	96.59	98.10	96.11	94.82	
--	Schaff Well	Monitoring	Quarterly/Discrete	Central San Antonio Basin	669	Careaga Sand	213.62	213.95	214.59	214.25	215.12	215.82	216.28	216.65	216.76	217.24	217.90	218.05	218.24	
008N034W14L001S	14L1	Monitoring	Continuous/Transducer	West San Antonio Basin	593	Careaga Sand	63.68	66.80	90.80	66.42	66.18	70.93	70.82	68.99	68.12	71.18	73.70	69.95	68.24	
009N034W34P001S	34P1	Monitoring	Quarterly/Discrete	West San Antonio Basin	223	Careaga Sand	--	74.92	70.70	70.75	69.50	68.86	68.60	68.55	72.66	71.85	70.80	70.15	66.50	
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	48	Careaga Sand	--	--	--	12.75	13.40	13.85	--	14.78	14.80	15.40	--	--	13.31	Vegetation maintenance completed March 2023
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	271	Careaga Sand	--	--	34.85	35.58	35.25	35.64	36.22	36.79	36.93	37.80	38.75	38.83	37.70	Vegetation maintenance completed March 2023
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	60	Careaga Sand	--	--	--	--	--	--	--	6.98	6.98	7.13	7.30	7.40	7.38	Vegetation maintenance completed March 2023
008N034W17E001S	17E1	Monitoring	Quarterly/Discrete	West San Antonio Basin	89	Careaga Sand	--	--	21.28	21.42	20.98	21.40	21.76	22.03	22.20	22.28	22.35	22.38	19.72	Vegetation maintenance completed March 2023
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	169	Careaga Sand	--	--	74.60	79.58	75.47	75.36	76.15	86.75	87.76	74.72	94.03	87.72	92.73	Vegetation maintenance completed March 2023
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	560	Careaga Sand	--	--	66.45	69.08	66.81	67.24	67.80	73.94	74.66	87.21	79.63	75.30	78.30	Vegetation maintenance completed March 2023
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	61	Careaga Sand	--	--	15.54	16.29	15.64	15.68	16.54	17.20	16.97	17.81	18.81	18.90	13.24	Vegetation maintenance completed March 2023
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	58	Careaga Sand	--	--	29.35	35.25	31.02	30.33	30.92	38.50	40.34	43.83	46.30	45.47	45.09	Vegetation maintenance completed March 2023
008N034W16G003S	16G3	Monitoring	Quarterly/Discrete	West San Antonio Basin	56	Careaga Sand	--	--	47.78	48.08	48.66	48.84	49.00	49.31	49.86	50.52	51.17	51.85	52.36	
008N033W13C001S	13C1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	1,070	Careaga Sand	--	--	187.60	191.50	--	195.00	--	188.10	188.90	190.20	188.00	187.30	--	Observed well maintenance March 15, 2023. Unable to collect water level measurement on 3/15 and 3/23.
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	590	Careaga Sand	356.00	335.22	559.33	585.90	--	--	335.26	341.00	343.30	342.15	345.61	342.15	--	Well pump on for greater than 8 hours before attempted water level measurement
008N033W13Q001S	13Q1	Irrigation	--	Central San Antonio Basin	295	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W30D001S	30D1	Monitoring	--	Central San Antonio Basin	895	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W25D001S	25D1	Irrigation	--	East San Antonio Basin	700	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W22K003S	22K3	Irrigation	--	Central San Antonio Basin	250	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22J001S	22J1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22N001S	22N1	Unknown	--	East San Antonio Basin	175	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22M001S	22M1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W24E001S	24 E1	Monitoring	--	West San Antonio Basin	580	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W20Q002S	20Q2	Irrigation	--	West San Antonio Basin	--	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
009N034W27L001S	27L1	Unknown	--	West San Antonio Basin	405	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed March 2021
--	VERNAS 1	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	VERNAS 2	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	HWY 101 CATTLE	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W27P003S	GUZMAN 2	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W30E005S	30E5	Unknown	--	Central San Antonio Basin	1,001	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W25B005S	25B5	Unknown	--	Central San Antonio Basin	100	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W28P004S	28P4	Unknown	--	East San Antonio Basin	524	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W36R	Careaga Lease	Unknown	--	West San Antonio Basin	284	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	

Notes:


Green highlighted cells indicate well access agreement has been acquired

Yellow highlighted cells indicate well access agreement is pending

Red highlighted cells indicate well access denied

bgs = below ground surface

DTW = Depth to Water (feet below reference point elevation)

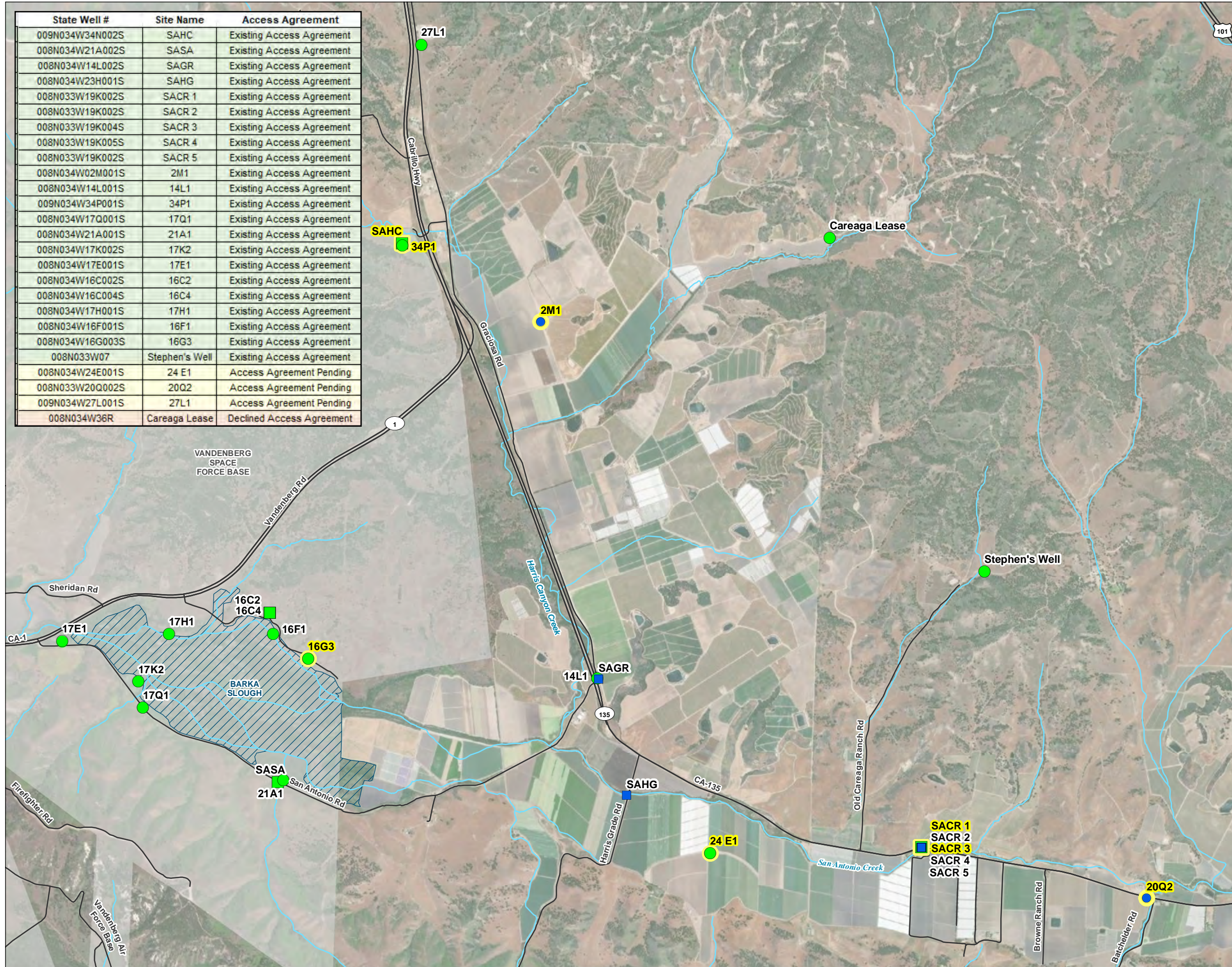
-- = unknown or not applicable





**FIGURE 1**  
**Wells Located in**  
**the Western Portion of**  
**the San Antonio Creek Valley**  
**Groundwater Basin**  
 San Antonio Creek Valley  
 Groundwater Basin  
 First Quarter 2023 Report

State Well #	Site Name	Access Agreement
009N034W34N002S	SAHC	Existing Access Agreement
008N034W21A002S	SASA	Existing Access Agreement
008N034W14L002S	SAGR	Existing Access Agreement
008N034W23H001S	SAHG	Existing Access Agreement
008N033W19K002S	SACR 1	Existing Access Agreement
008N033W19K002S	SACR 2	Existing Access Agreement
008N033W19K004S	SACR 3	Existing Access Agreement
008N033W19K005S	SACR 4	Existing Access Agreement
008N033W19K002S	SACR 5	Existing Access Agreement
008N034W02M001S	2M1	Existing Access Agreement
008N034W14L001S	14L1	Existing Access Agreement
009N034W34P001S	34P1	Existing Access Agreement
008N034W17Q001S	17Q1	Existing Access Agreement
008N034W21A001S	21A1	Existing Access Agreement
008N034W17K002S	17K2	Existing Access Agreement
008N034W17E001S	17E1	Existing Access Agreement
008N034W16C002S	16C2	Existing Access Agreement
008N034W16C004S	16C4	Existing Access Agreement
008N034W17H001S	17H1	Existing Access Agreement
008N034W16F001S	16F1	Existing Access Agreement
008N034W16G003S	16G3	Existing Access Agreement
008N033W07	Stephen's Well	Existing Access Agreement
008N034W24E001S	24 E1	Access Agreement Pending
008N033W20Q002S	20Q2	Access Agreement Pending
009N034W27L001S	27L1	Access Agreement Pending
008N034W36R	Careaga Lease	Declined Access Agreement



**LEGEND**

**Sample Method**

- Transducer Well
- Manually Measured Well

**Aquifer of Completion**

- Careaga Sand Well
- Paso Robles Formation Well

**Representative Monitoring Site**

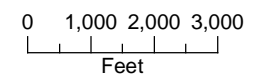
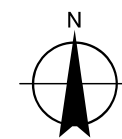
- Representative Monitoring Site

**All Other Features**

- ▨ Barka Slough
- Vandenberg Space Force Base
- Major Road
- ~ Watercourse

**NOTES:**

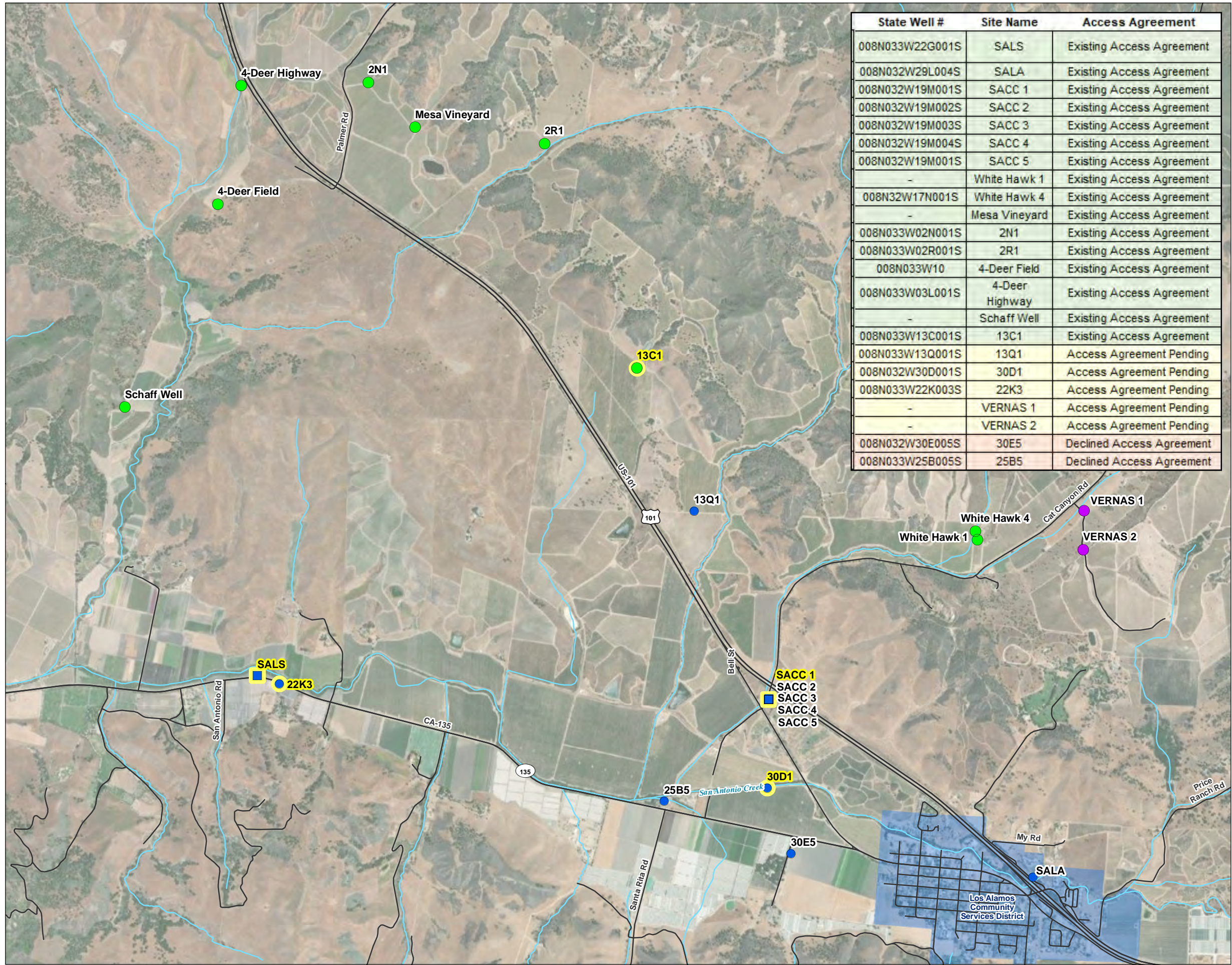
1. SACR 1 is screened in the Careaga Sand.
2. SACR 2, SACR 3, SACR 4, and SACR 5 depth to water measurements are collected manually on a quarterly basis.



Date: March 23, 2022  
 Data Sources:







State Well #	Site Name	Access Agreement
008N033W22G001S	SALS	Existing Access Agreement
008N032W29L004S	SALA	Existing Access Agreement
008N032W19M001S	SACC 1	Existing Access Agreement
008N032W19M002S	SACC 2	Existing Access Agreement
008N032W19M003S	SACC 3	Existing Access Agreement
008N032W19M004S	SACC 4	Existing Access Agreement
008N032W19M001S	SACC 5	Existing Access Agreement
-	White Hawk 1	Existing Access Agreement
008N32W17N001S	White Hawk 4	Existing Access Agreement
-	Mesa Vineyard	Existing Access Agreement
008N033W02N001S	2N1	Existing Access Agreement
008N033W02R001S	2R1	Existing Access Agreement
008N033W10	4-Deer Field	Existing Access Agreement
008N033W03L001S	4-Deer Highway	Existing Access Agreement
-	Schaff Well	Existing Access Agreement
008N033W13C001S	13C1	Existing Access Agreement
008N033W13Q001S	13Q1	Access Agreement Pending
008N032W30D001S	30D1	Access Agreement Pending
008N033W22K003S	22K3	Access Agreement Pending
-	VERNAS 1	Access Agreement Pending
-	VERNAS 2	Access Agreement Pending
008N032W30E005S	30E5	Declined Access Agreement
008N033W25B005S	25B5	Declined Access Agreement

**FIGURE 2**  
**Wells Located in**  
**the Central Portion of**  
**the San Antonio Creek Valley**  
**Groundwater Basin**  
 San Antonio Creek Valley  
 Groundwater Basin  
 First Quarter 2023 Report

**LEGEND**

**Sample Method**

- Transducer Well
- Manually Measured Well

**Aquifer of Completion**

- Careaga Sand Well
- Paso Robles Formation Well
- Unassigned Aquifer Well

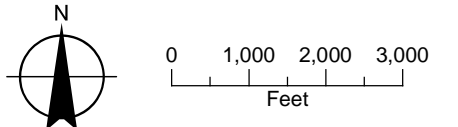
**Representative Monitoring Site**

- Representative Monitoring Site

**All Other Features**

- Los Alamos Community Services District
- Major Road
- ~ Watercourse

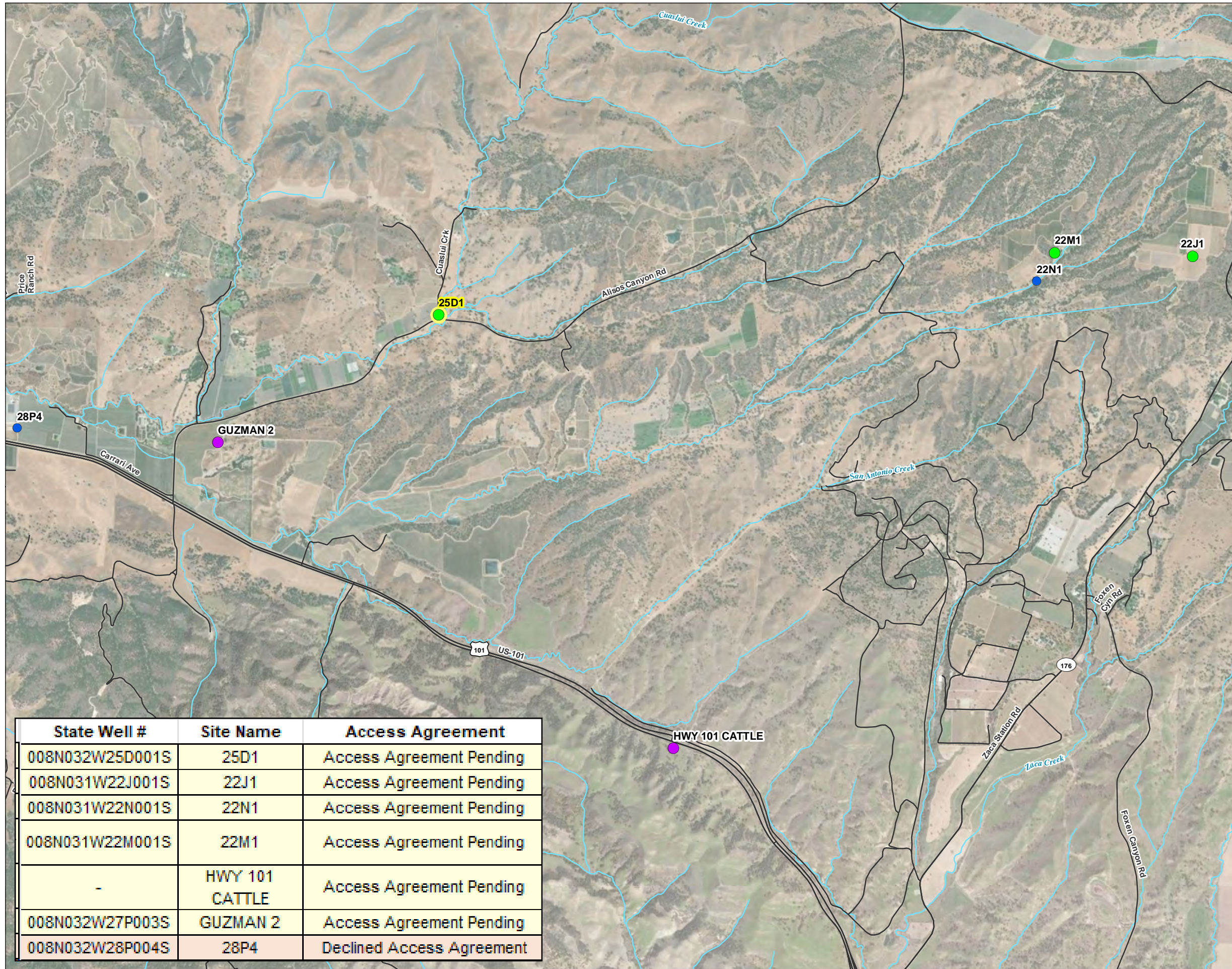
**NOTES:**  
 1. SACC 2, SACC 3, SACC 4, and SACC 5 depth to water measurements are collected manually on a quarterly basis.



Date: March 23, 2022  
 Data Sources:



**FIGURE 3**  
**Wells Located in**  
**the Eastern Portion of**  
**the San Antonio Creek Valley**  
**Groundwater Basin**  
 San Antonio Creek Valley  
 Groundwater Basin  
 First Quarter 2023 Report



**LEGEND**

**Sample Method**

- Transducer Well
- Manually Measured Well

**Aquifer of Completion**

- Careaga Sand Well
- Paso Robles Formation Well
- Unassigned Aquifer Well

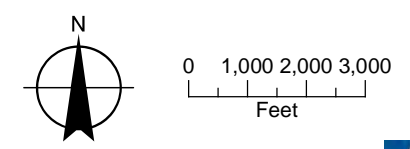
**Representative Monitoring Site**

- Representative Monitoring Site

**All Other Features**

- Major Road
- ~ Watercourse

State Well #	Site Name	Access Agreement
008N032W25D001S	25D1	Access Agreement Pending
008N031W22J001S	22J1	Access Agreement Pending
008N031W22N001S	22N1	Access Agreement Pending
008N031W22M001S	22M1	Access Agreement Pending
-	HWY 101 CATTLE	Access Agreement Pending
008N032W27P003S	GUZMAN 2	Access Agreement Pending
008N032W28P004S	28P4	Declined Access Agreement



Date: March 23, 2022  
 Data Sources: